

# INTERNATIONAL SEARCH REPORT

International Publication No

PCT/EP 03/08737

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C45/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 87 07261 A (UNION CARBIDE CORP) 3 December 1987 (1987-12-03) page 25, last paragraph - page 26, line 11; page 26, line 26-27 claims 1-7; examples 1-11	1-12
A	US 4 490 559 A (LETTS JOHN B ET AL) 25 December 1984 (1984-12-25) claims 1-10; examples 1,2	1-12
A	DE 35 11 428 A (RUHRCHEMIE AG) 2 October 1986 (1986-10-02) claims 1-5; examples 1-16	1-12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8707261	A	03-12-1987	US 4774361 A	27-09-1988
			US 4717775 A	05-01-1988
			AU 613312 B2	01-08-1991
			AU 7489887 A	22-12-1987
			CA 1312094 C	29-12-1992
			CN 87104311 A ,B	08-06-1988
			DE 3773890 D1	21-11-1991
			EP 0276231 A1	03-08-1988
			ES 2004935 A6	16-02-1989
			IN 169727 A1	14-12-1991
			JP 5048215 B	20-07-1993
			JP 63503385 T	08-12-1988
			KR 9107047 B1	16-09-1991
			MX 166107 B	21-12-1992
			NO 880207 A ,B,	19-01-1988
			WO 8707261 A2	03-12-1987
			US 4789753 A	06-12-1988
US 4490559	A	25-12-1984	NONE	
DE 3511428	A	02-10-1986	DE 3511428 A1	02-10-1986